## **EAST Search History**

| Ref # | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|---|---|---------------------|---------|---------------------|
| L1    | 2    | 7211512"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2008/02/14<br>12:39 |
| L2    | 16   | ["20020115292"   "2002017302"   "2002017302"   "2002014830"   "20070141830"   "6020243"   "6051856"   "6090697"   "6130161"   "6896697"   "6130161"   "68968270"   "7220665"   "7253521"   "7265196"),PN. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2008/02/14<br>12:50 |
| L3    | 16   | 2 and (barrier adhes\$3 seed)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2008/02/14<br>12:51 |
| L4    | 6    | 3 and (hafnium zirconium)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2008/02/14<br>12:51 |
| L5    | 10   | 3 not 4   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2008/02/14<br>13:34 |
| L6    | 1487 | 257/762.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2008/02/14<br>13:34 |
| L7    | 1708 | 257/751.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2008/02/14<br>13:34 |
| L8    | 4479 | 257/758.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2008/02/14<br>13:34 |

| L10 | 21   | (("6429120") or ("7262130") or ("7262130") or ("7262130") or ("7211512") or ("6376370") or ("7105314") or ("6743716") or ("72020182855") or ("2020182855") or ("202018265") or ("7263665") or ("7263665") or ("72636519") or ("7263665") or ("7263665") or ("2060006548") or ("20060046733") or ("20060292857") or ("2007014730") or ("20070167005"), PN. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | TOTAL | OFF | 2008/02/14          |
|-----|------|---|---|---|-----|---------------------|
| L11 | 183  | 257/646.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR  | ON  | 2008/02/14<br>14:01 |
| L13 | 21   | 10 and (hafnium zirconium<br>aluminum )   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR  | ON  | 2008/02/14<br>14:02 |
| L14 | 2983 | (metal\$3 copper) and<br>((barrier adhesi\$3) with<br>(hafnium zirconium<br>aluminum)) and seed   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR  | ON  | 2008/02/14<br>14:09 |
| L15 | 112  | ((metal\$3 copper) and<br>((barrier adhesi\$3) with<br>(hafnium zirconium<br>aluminum)) and seed).clm.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR  | ON  | 2008/02/14<br>14:10 |
| L16 | 32   | 15 and ((barrier adhesi\$3)<br>with thick\$4).clm.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR  | ON  | 2008/02/14<br>14:10 |
| L17 | 1349 | (14 not 16) and ((barrier<br>adhesi\$3) with thick\$4)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR  | ON  | 2008/02/14<br>14:16 |
| L18 | 411  | 17 and (@ad<"20000118"<br>@rlad<"20000118")   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR  | ON  | 2008/02/14<br>14:17 |

| L19 | 124 | 18 and (seed with thick\$4) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2008/02/14<br>14:17 |
|-----|-----|-----------------------------|---|----|----|---------------------|
| L20 | 18  | 19 and (hafnium zirconium)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2008/02/14<br>14:18 |
| L21 | 106 | 19 not 20                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2008/02/14<br>14:19 |
| L22 | 80  | 15 not 16                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2008/02/14<br>14:28 |

## 2/14/2008 2:29:48 PM

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